Author Index

Abidi, S. L.
High-performance liquid chromatography of phosphatidic acids and related polar lipids 587(1991)193

Abraham, M. H., Whiting, G. S., Doherty, R. M. and Shuely, W. J.
Hydrogen bonding. XVI. A new solute solvation parameter, π_2^H, from gas chromatographic data 587(1991)213

Abraham, M. H., Whiting, G. S., Doherty, R. M. and Shuely, W. J.
Hydrogen bonding. XVII. The characterisation of 24 gas–liquid chromatographic stationary phases studied by Poole and co-workers, including molten salts, and evaluation of solute–stationary phase interactions 587(1991)229

Ackman, R. G., see Shantha, N. C. 587(1991)263

Albarrán, G., see Navarro-González, R. 587(1991)247

Andriamboavonjy, E., Flaschel, E. and Renken, A.
Separation of functionalized dextrins by reversed-phase high-performance liquid chromatography 587(1991)288

Bartunik, H. D., see Jacob, L. 587(1991)85

Bartunik, L. J., see Jacob, L. 587(1991)85

Beecken, V., see Jacob, L. 587(1991)85

Berry, M. J., Davies, J., Smith, C. G. and Smith, I.
Immobilization of Fv antibody fragments on porous silica and their utility in affinity chromatography 587(1991)161

Betts, T. J.
Study of the response of three liquid crystals as stationary phases for the gas chromatography of some cyclic monoterpene volatile oil constituents with short retention times 587(1991)343

Biersack, H., see Boege, F. 587(1991)3

Birnbaum, S. and Nilsson, K. G. I.
Dehydrogenase-silica as a stationary phase for the separation of alcohols and ketones 587(1991)268

Bisset, N. G., see De, B. 587(1991)318

Boege, F., Gieseler, F., Biersack, H. and Clark, M.
Use of anion-exchange chromatography and chromatofocusing to reveal the structural and functional heterogeneity of topoisomerase II in a HL-60 cell line resistant to multi-drug treatment 587(1991)3

Botsoglou, N. A.
High-performance liquid chromatographic method for the determination of free gossypol in chicken liver 587(1991)333

Buckel, W., see Michel, C. 587(1991)93

Burton, S. C., Haggarty, N. W. and Harding, D. R. K.
Efficient substitution of 1,1′-carbonyldiimidazole activated cellulose and Sepharose matrices with amino acyl spacer arms 587(1991)271

Bushway, R. J., Hurst, H. L., Kugabalasooriar, J. and Perkins, L. B.
Determination of carbendazim in blueberries by reversed-phase high-performance liquid chromatography 587(1991)321

Campbell, J. A., see Harvey, S. D. 587(1991)300

Carpita, N. C., see Gibeaut, D. M. 587(1991)284

Carr, P. W., see Schafer, W. A. 587(1991)137

Carr, P. W., see Schafer, W. A. 587(1991)149

Chamkasem, N., Hill, K. D. and Sewell, G. W.
High-performance liquid chromatographic column-switching technique for the determination of intermediates of anaerobic degradation of toluene in ground water microcosm 587(1991)185

Clark, M., see Boege, F. 587(1991)3

Cline Love, L. J., see Tomasella, F. P. 587(1991)325

Cremer, J. and Henning, K.
Application of reversed-phase medium-pressure liquid chromatography to the isolation, separation and amino acid analysis of two closely related peptide toxins of the cyanobacterium *Microcystis aeruginosa* strain PCC 7806 587(1991)71

Datta, A., see Wagh, J. S. 587(1991)280

Davies, J., see Berry, M. J. 587(1991)161

Dawodu, O. F. and Meisen, A.
Identification of products resulting from carbonyl sulphide-induced degradation of diethanolamine 587(1991)237

Dawra, R. K., see Sharma, O. P. 587(1991)351

De, B. and Bisset, N. G.
Separation of *Strychnos nux-vomica* alkaloids by high-performance liquid chromatography 587(1991)318

Doherty, R. M., see Abraham, M. H. 587(1991)213

Doherty, R. M., see Abraham, M. H. 587(1991)229

Dutton, M. V., Rastall, R. A. and Evans, C. S.
Improved high-performance liquid chromatographic separation for the analysis of oxalate in fungal culture media 587(1991)297

Evans, C. S., see Dutton, M. V. 587(1991)297

Fan, D.-P., see Wang, Q.-S. 587(1991)359

Flaschel, E., see Andriamboavonjy, E. 587(1991)288

Funkenbusch, E. F., see Schafer, W. A. 587(1991)137

Gibeaut, D. M. and Carpita, N. C.
Clean-up procedure for partially methylated alditol acetate derivatives of polysaccharides 587(1991)284

Gieseler, F., see Boege, F. 587(1991)3

Grummt, I., see Heilgenthal, G. 587(1991)25

Gutnikov, G. and Streng, J. R.
Rapid high-performance liquid chromatographic determination of fatty acid profiles of lipids by conversion to their hydroxamic acids 587(1991)292

Häberlein, I.
Separation of the complete thioredoxin pattern of soybean leaves (*Glycine max*) by high-performance anion-exchange chromatography on Mono Q 587(1991)109

Haggarty, N. W., see Burton, S. C. 587(1991)271

Harding, D. R. K., see Burton, S. C. 587(1991)271

Harvey, S. D., Campbell, J. A., Kelsey, R. G. and Vance, N. C.
Separation of taxol from related taxanes in *Taxus brevifolia* extracts by isocratic elution reversed-phase microcolumn high-performance liquid chromatography 587(1991)300
Heilgenthal, G. and Grummt, I.
Isolation of multiple protein factors involved in ribosomal DNA transcription 587(1991)25
Henning, K., see Cremer, J. 587(1991)71
Hill, K. D., see Chamkasem, N. 587(1991)185
Hoschützky, H., see Zimmerhackl, L. B. 587(1991)81
Hüntemann, S. B., see Seitz, J. 587(1991)55
Hurst, H. L., see Bushway, R. J. 587(1991)321
Ikarashi, Y. and Maruyama, Y.
Applicability of high-performance liquid chromatography–continuous-flow fast atom bombardment mass spectrometry for simultaneous quantitation of multiple neurochemicals 587(1991)306
Jacob, L., Beecken, V., Bartunik, L. J., Rose, M. and Bartunik, H. D.
Purification and crystallization of yeast hexokinase isoenzymes. Characterization of different forms by chromatofocusing 587(1991)85
Jönsson, J. Å.
Non-chromatographic continuous separation techniques (by M. Valcárcel and M. D. Luque de Castro) (Book Review) 587(1991)369
Kaneta, T., see Tanaka, S. 587(1991)364
Karl, V., Schmarr, H.-G. and Mosandl, A.
Simultaneous stereoanalysis of 2-alkyl-branched acids, esters and alcohols using a selectivity-adjusted column system in multi-dimensional gas chromatography 587(1991)347
Kastner, M. and Neubert, D.
High-performance metal chelate affinity chromatography of cytochromes P-450 using Chelating Superose 587(1991)43
Kastner, M. and Neubert, D.
Isolation of cytochrome P-450 components from marmoset liver microsomes by high-performance liquid chromatography 587(1991)117
Kaufmann, S. H. E., see Schoel, B. 587(1991)19
Kelsey, R. G., see Harvey, S. D. 587(1991)300
Keppler, C., see Seitz, J. 587(1991)55
Kiltz, H.-H., see Ożyhar, A. 587(1991)11
Kohno, T. and Kuwata, K.
Preconcentration technique for introducing gaseous or volatile compounds into a capillary gas chromatographic column 587(1991)338
Kugabalasooriar, J., see Bushway, R. J. 587(1991)321
Kuwata, K., see Kohno, T. 587(1991)338
Leuk, B., see Zimmerhackl, L. B. 587(1991)81
Levesque, J., see Rey, J.-P. 587(1991)314
Linder, D., see Michel, C. 587(1991)93
Maness, N. O., Miranda, E. T. and Mort, A. J.
Recovery of sugar derivatives from 2-aminopyridine labeling mixtures for high-performance liquid chromatography using UV or fluorescence detection 587(1991)177
Maruyama, Y., see Ikarashi, Y. 587(1991)306
Matz, S. G.
Determination of Cyasorb UV 1084 and its degradation products in low-density polyethylene film by high-performance liquid chromatography 587(1991)205
Meisen, A., see Dawodu, O. F. 587(1991)237
Michel, C., Buckel, W. and Linder, D.
Purification of the coenzyme B_{12}-containing 2-methyleneglutarate mutase from *Clostridium barkeri* by high-performance liquid chromatography 587(1991)93
Miranda, E. T., see Maness, N. O. 587(1991)177
Mokashi, A. A., see Wagh, J. S. 587(1991)280
Morehead, H. W., Talmadge, K. W., O'Shannessy, D. J. and Siebert, C. J.
Optimization of oxidation of glycoproteins: an assay for predicting coupling to hydrazide chromatographic supports 587(1991)171
Mort, A. J., see Maness, N. O. 587(1991)177
Mosandl, A., see Karl, V. 587(1991)347
Navarro-González, R., Negrón-Mendoza, A. and Albarrán, G.
Analysis of keto acids as their methyl esters of 2,4-dinitrophenylhydrazone derivatives by gas chromatography and gas chromatography–mass spectrometry 587(1991)247
Negrón-Mendoza, A., see Navarro-González, R. 587(1991)247
Nelson, T. J.
Deconvolution method for accurate determination of overlapping peak areas in chromatograms 587(1991)129
Neubert, D., see Kastner, M. 587(1991)43
Neubert, D., see Kastner, M. 587(1991)117
Niessen, W. M. A.
Quantitative chemical analysis (by D. C. Harris) (Book Review) 587(1991)368
Nilsson, K.G.I., see Birnbaum, S. 587(1991)268
Ohtaka, H., see Tanaka, S. 587(1991)364
O'Shannessy, D. J., see Morehead, H. W. 587(1991)171
Ożyhar, A. and Kiltz, H.-H.
High-resolution gel filtration of the ecdysteroid receptor–DNA complex —an alternative to the electrophoretic mobility shift assay 587(1991)11
Parkin, J. E.
Assay for thiomersal (thimerosal) with adaptation to the quantitation of total ethylmercury available in degraded samples 587(1991)329
Parson, K. A., see Schafer, W. A. 587(1991)137
Penther, J. M.
Analysis of alanine and aspartate aminotransferase isoforms in mustard (*Sinapis alba* L.) cotyledons 587(1991)101
Perkins, L. B., see Bushway, R. J. 587(1991)321
Potschka, M.
Interfacial effects in size-exclusion chromatography of latex 587(1991)276
Pousset, J.-L., see Rey, J.-P. 587(1991)314
Prusíková, M., see Taimr, L. 587(1991)355
Rastall, R. A., see Dutton, M. V. 587(1991)297
Reinacher, M., see Schuler, G. 587(1991)61
Renken, A., see Andriamboavonjy, E. 587(1991)288

Rey, J.-P., Levesque, J., Pousset, J.-L. and Roblot, F.
Analytical and quantitative studies of californin and protopin in aerial part extracts of *Eschscholtzia californica* Cham. with high-performance liquid chromatography 587(1991)314
Roblot, F., see Rey, J.-P. 587(1991)314
Roos, P. H.
Immobilized metal affinity chromatography as a means of fractionating microsomal cytochrome P-450 isozymes 587(1991)33
Rose, M., see Jacob, L. 587(1991)85
Schafer, W. A. and Carr, P. W.
Chromatographic characterization of a phosphate-modified zirconia support for bio-chromatographic applications 587(1991)149
Schafer, W. A., Carr, P. W., Funkenbusch, E. F. and Parson, K. A.
Physical and chemical characterization of a porous phosphate-modified zirconia substrate 587(1991)137
Schmarr, H.-G., see Karl, V. 587(1991)347
Schoel, B. and Kaufmann, S. H. E.
Hydrophobic interaction chromatography for the purification of a mycobacterial heat shock protein of relative molecular mass 60 000 587(1991)19
Schuler, G. and Reinacher, M.
Development and optimization of a single-step procedure using protein A affinity chromatography to isolate murine IgG_1 monoclonal antibodies from hybridoma supernatants 587(1991)61
Seitz, J., Keppler, C. and Hüntemann, S. B.
Purification and characterization of transglutaminases from the genital tract of the male rat 587(1991)55
Sewell, G. W., see Chamkasem, N. 587(1991)185
Shantha, N. C. and Ackman, R. G.
Behaviour of a common phthalate plasticizer (dioctyl phthalate) during the alkali- and/or acid-catalysed steps in an AOCS method for the preparation of methyl esters 587(1991)263
Sharma, O. P. and Dawra, R. K.
Thin-layer chromatographic separations of lantadenes, the pentacyclic triterpenoids from lantana (*Lantana camara*) plant 587(1991)351
Shuely, W. J., see Abraham, M. H. 587(1991)213
Shuely, W. J., see Abraham, M. H. 587(1991)229
Siebert, C. J., see Morehead, H. W. 587(1991)171
Smith, C. G., see Berry, M. J. 587(1991)161
Smith, I., see Berry, M. J. 587(1991)161
Streng, J. R., see Gutnikov, G. 587(1991)292
Taga, M., see Tanaka, S. 587(1991)364
Taimr, L. and Prusíková, M.
Chromatographic behaviour of the antidegradant ethoxyquin and its transformation products 587(1991)355
Talmadge, K. W., see Morehead, H. W. 587(1991)171
Tanaka, S., Kaneta, T., Taga, M., Yoshida, H. and Ohtaka, H.
Capillary tube isotachophoretic separation of catecholamines using cyclodextrin in the leading electrolyte 587(1991)364
Thomas, L. C. and Weichmann, W.
Quantitative measurements via co-elution and dual-isotope detection by gas chromatography–mass spectrometry 587(1991)255
Tomasella, F. P., Zuting, P. and Cline Love, L. J.
Determination of sun-screen agents in cosmetic products by micellar liquid chromatography 587(1991)325
Vance, N. C., see Harvey, S. D. 587(1991)300
Wagh, J. S., Mokashi, A. A. and Datta, A.
A high-performance liquid chromatographic method for the monitoring and quantification of the synthesis of *p*-hydroxyphenylacetamide 587(1991)280
Wang, Q.-S. and Fan, D.-P.
Optimization of separation of rare earths in high-performance thin-layer chromatography 587(1991)359
Weichmann, W., see Thomas, L. C. 587(1991)255
Whiting, G. S., see Abraham, M. H. 587(1991)213
Whiting, G. S., see Abraham, M. H. 587(1991)229
Yoshida, H., see Tanaka, S. 587(1991)364
Zimmerhackl, L. B., Leuk, B. and Hoschützky, H.
The cytoskeletal protein villin as a parameter for early detection of tubular damage in the human kidney 587(1991)81
Zuting, P., see Tomasella, F. P. 587(1991)325